ATTACHMENT 3(A)

Candidate A: General Facility Description

Tolland Turnpike, Willington, Connecticut 06279
Owner: Lawrence Becker
Tax ID: M23/P62
Approximately 47.7 Acre Parcel

The proposed facility consists of a 100’ by 100’ lease area located in the central-north portion of an approximately 47.7 acre parcel owned by Lawrence Becker at Tolland Turnpike in Willington. A new self-supporting monopole tower 160’ in height would be constructed. AT&T will install up to 12 panel antennas at the 157’ centerline height on the tower together with an associated 12’ x 20’ radio equipment shelter at the tower base on a concrete pad within the tower compound. The tower compound would consist of a 40' by 80’ area to accommodate AT&T’s equipment and provide for future shared use of the facility by other carriers. An 8’ high chain link fence would enclose the tower compound. Vehicle access to the facility would be provided over 331' of existing access drive and over a new 581' gravel access drive 12' in width. The total distance of site access is 912'. Electric and telephone utilities would be extended underground from an existing offsite utility pole to the proposed facility. Provisions are also included for an emergency generator to be placed on a concrete pad within the tower compound.

Site A: Site Evaluation Report

I. LOCATION

A. COORDINATES: 41° 52’ 32.4” N 72° 16’ 9.7” W

B. GROUND ELEVATION: 768’ AMSL

C. USGS MAP: Coventry Quadrangle

D. SITE ADDRESS: Tolland Turnpike in Willington, Connecticut, 06279

E. ZONING WITHIN 1/4 MILE OF SITE: Commercial, Residential

II. DESCRIPTION

A. SITE SIZE: 100’ by 100’ lease area, 40’ by 80’ compound

B. LESSOR’S PARCEL: ± 47.7 acres

C. TOWER TYPE/HEIGHT: Monopole / 160’ AGL.

D. SITE TOPOGRAPHY AND SURFACE: The proposed site is located towards the northern/central portion of a 47.7-acre parcel. The site is located on a sloping wooded area.

E. SURROUNDING TERRAIN, VEGETATION, WETLANDS, OR WATER: The surrounding terrain ranges in elevation from 400’ AMSL to over 950’ AMSL. The majority of the surrounding area is covered with vegetation. A field investigation identified one on-site wetland approximately 41’ to the south of the proposed access road.

F. LAND USE WITHIN 1/4 MILE OF SITE: Land uses within ¼ mile of the site are include commercial, sand & gravel mining, a cemetery and residential uses.

III. FACILITIES

A. POWER COMPANY: Connecticut Light and Power

B. POWER PROXIMITY TO SITE: Facilities available from off site utility pole.

C. TELEPHONE COMPANY: AT&T

D. PHONE SERVICE PROXIMITY: Same as power.

E. VEHICLE ACCESS TO SITE: Access to the facility would be provided initially over an existing asphalt driveway then a new 12' wide gravel access drive approximately 581' to the site.

F. OBSTRUCTIONS: None

G. CLEARING AND FILL REQUIRED: The compound will require clearing and grading to level the area. Some filling may be required. Detailed plans would be included in a Development and Management Plan ("D&M" plan) after any approval of the facility which may be issued by the Connecticut Siting Council.

IV. LEGAL

A. PURCHASE [ ] LEASE [X]

B. OWNER: Lawrence Becker

C. ADDRESS: Tolland Turnpike, Willington, Connecticut 06279

Candidate A: Facilities and Equipment Specification

I. TOWER SPECIFICATIONS:

A. MANUFACTURER: To be determined

B. TYPE: Self-Supporting monopole

C. HEIGHT: 160'
DIMENSIONS: Approximately 4½' in diameter at the base, tapering to approximately 2' at the top.

D. LIGHTING: None as set forth in attached TOWAIR report

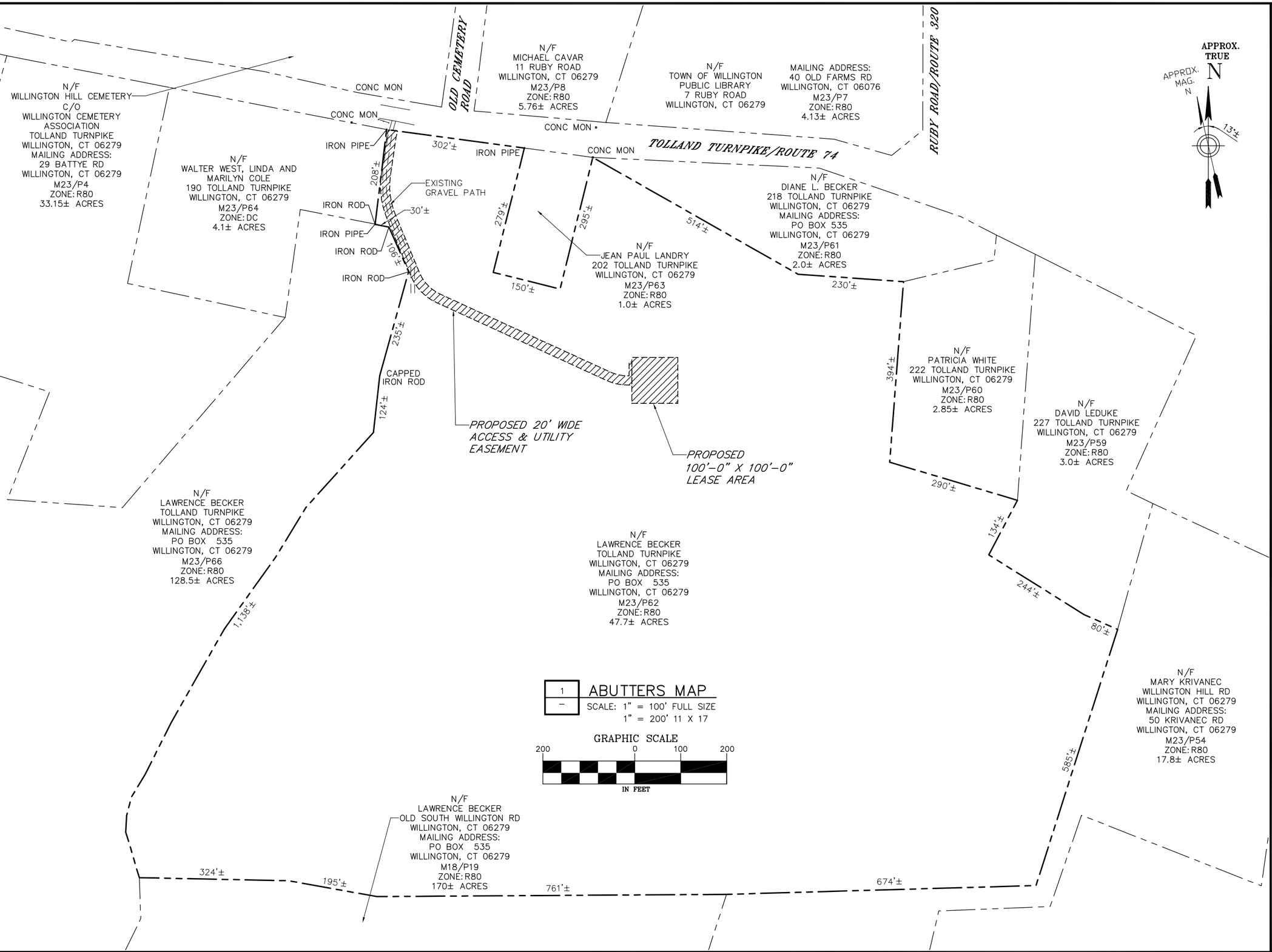
II. TOWER LOADING:

A. AT&T – up to 12 panel Antennas
   a. Model – P90-14-XVH-RR or equivalent panel antenna
   b. Antenna Dimensions – 48"H x 12"W x 6"D
   c. Position on Tower – 157' centerline mounted on low profile platform
   d. Transmission Lines – MFG/Model: Commscope Aluminum 1-5/8"

B. Future Carriers – 3 carriers can be accommodated.

III. ENGINEERING ANALYSIS AND CERTIFICATION:

The tower will be designed in accordance with American National Standards Institute TIA/EIA-222-G "Structural Standards for Steel Antenna Towers and Antenna Support Structures" and the 2003 International Building Code with 2005 Connecticut Amendment. The foundation design would be based on soil conditions at the site. The details of the tower and foundation design will be provided as part of the final D&M plan.



File: W:\SM CINGULAR\18301\SITES\1028 WILLINGTON 1107\2D\WILLINGTON-1 ABUTTERS MAP.DWG Saved: 4/13/2011 8:43:44 AM Plotted: 4/13/2011 8:45:12 AM User: Lushtori, Paul

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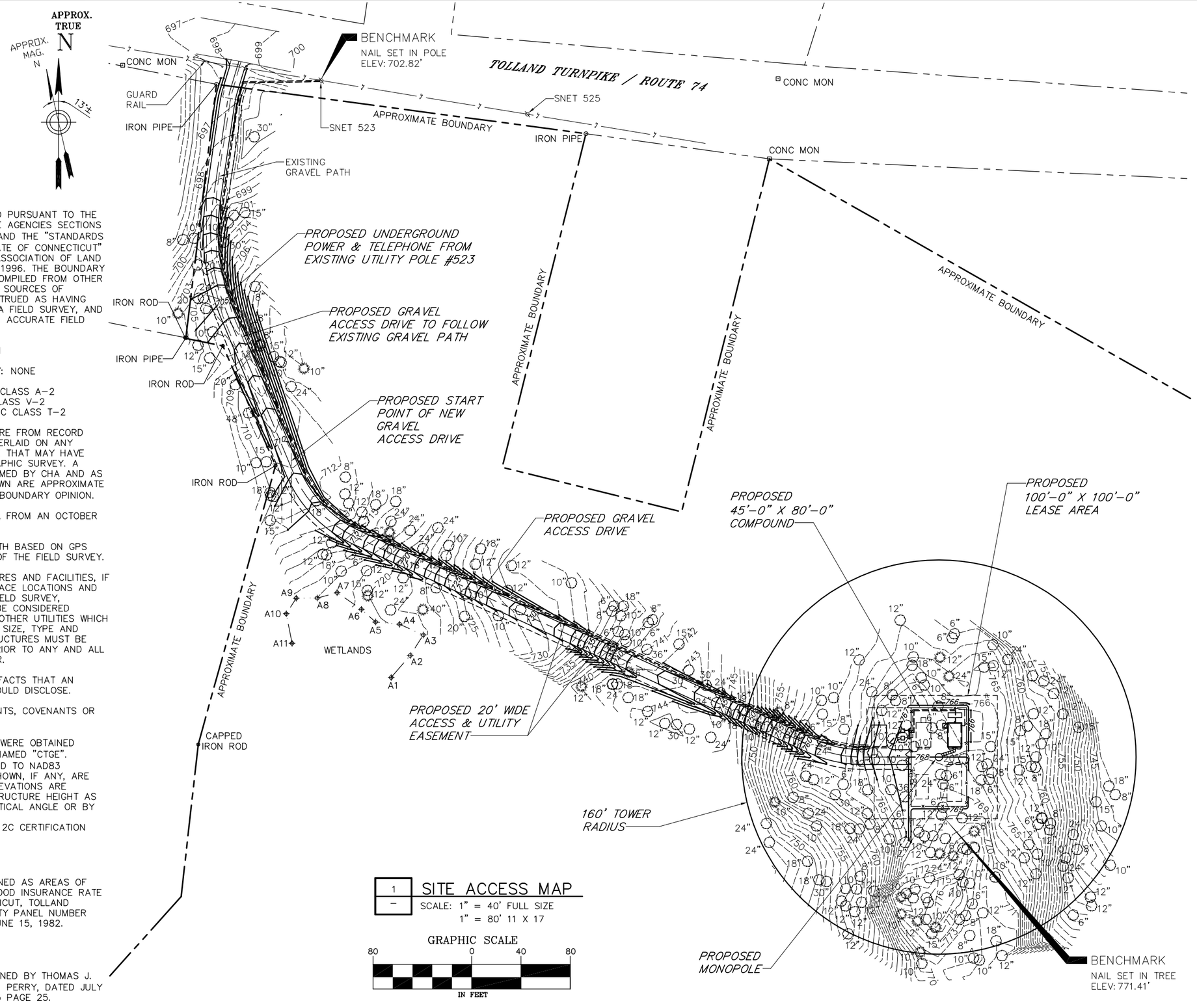
CHA PROJECT NO:
18301 – 1028 – 1601

NO.	SUBMITTAL		
0	10/30/09	ISSUED FOR CSC CERTIFICATE	
	BY: JDM	CHK: PAL	APP'D: JPS
1	04/13/11	UPDATED ABUTTERS	
	BY: PAL	CHK: PAL	APP'D: JPS

SITE ID:
SR1107
SITE NAME:
WILLINGTON
SITE ADDRESS:
TOLLAND TURNPIKE
WILLINGTON, CT
06279
TOLLAND COUNTY

SHEET TITLE
ABUTTERS MAP

SHEET NUMBER
C01



SURVEY NOTES:

1. THIS SURVEY HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20–300b–1 THROUGH 20–300b–20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS INC. ON SEPTEMBER 26, 1996. THE BOUNDARY LINES SHOWN ON THIS PLAN WERE COMPILED FROM OTHER MAPS, RECORD RESEARCH OR OTHER SOURCES OF INFORMATION. IT IS NOT TO BE CONSTRUED AS HAVING BEEN OBTAINED AS THE RESULT OF A FIELD SURVEY, AND IS SUBJECT TO SUCH CHANGE AS AN ACCURATE FIELD SURVEY MAY DISCLOSE.

TYPE OF SURVEY: COMPILATION PLAN

BOUNDARY DETERMINATION CATEGORY: NONE

CLASS OF ACCURACY: HORIZONTAL CLASS A–2
VERTICAL CLASS V–2
TOPOGRAPHIC CLASS T–2

2. PROPERTY LINE SHOWN HEREON ARE FROM RECORD DEEDS PLOTS AND TAX MAPS AS OVERLAID ON ANY MONUMENTATION OR OTHER EVIDENCE THAT MAY HAVE BEEN LOCATED DURING THE TOPOGRAPHIC SURVEY. A PROPERTY SURVEY WAS NOT PERFORMED BY CHA AND AS A RESULT THE PROPERTY LINES SHOWN ARE APPROXIMATE AND DO NOT PRESENT A PROPERTY/BOUNDARY OPINION.

3. BASE MAPPING PREPARED BY CHA FROM AN OCTOBER 2009 FIELD SURVEY.

4. NORTH ORIENTATION IS TRUE NORTH BASED ON GPS OBSERVATIONS TAKEN AT THE TIME OF THE FIELD SURVEY.

5. UNDERGROUND UTILITIES, STRUCTURES AND FACILITIES, IF ANY, HAVE BEEN SHOWN FROM SURFACE LOCATIONS AND MEASUREMENTS OBTAINED FROM A FIELD SURVEY, THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHER UTILITIES WHICH THE EXISTENCE OF ARE NOT KNOWN. SIZE, TYPE AND LOCATION OF ALL UTILITIES AND STRUCTURES MUST BE VERIFIED BY PROPER AUTHORITIES PRIOR TO ANY AND ALL CONSTRUCTION. CALL DIG SAFE PRIOR.

6. SUBJECT TO ANY STATEMENT OF FACTS THAT AN UP–TO–DATE ABSTRACT OF TITLE WOULD DISCLOSE.

7. SUBJECT TO ALL RIGHTS, EASEMENTS, COVENANTS OR RESTRICTIONS OF RECORD.

8. LATITUDE/LONGITUDE/ELEVATIONS WERE OBTAINED UTILIZING NGS CORS BASE STATION NAMED "CTGE". LATITUDE/LONGITUDE ARE REFERENCED TO NAD83 CONNECTICUT ZONE. COORDINATES SHOWN, IF ANY, ARE EXPRESSED IN U.S. SURVEY FEET. ELEVATIONS ARE REFERENCED TO NAVD88. TOP OF STRUCTURE HEIGHT AS SHOWN, IF ANY, DETERMINED BY VERTICAL ANGLE OR BY ACTUAL LOCATION.
INFORMATION SHOWN BASED ON FAA 2C CERTIFICATION ACCURACY LEVEL DEFINED AS;
HORIZONTAL: ±20 FEET / 6 METERS
VERTICAL: ±3 FEET / 1 METERS

9. SITE FALLS WITHIN ZONE "C" DEFINED AS AREAS OF MINIMAL FLOODING AS SHOWN ON FLOOD INSURANCE RATE MAP, TOWN OF WILLINGTON, CONNECTICUT, TOLLAND COUNTY, PANEL 20 OF 20, COMMUNITY PANEL NUMBER 090159 0020 A, EFFECTIVE DATE JUNE 15, 1982.

MAP REFERENCES:

1. MAP ENTITLED "PLAN OF LAND OWNED BY THOMAS J. OWENS" AS PREPARED BY GILBERT F. PERRY, DATED JULY 12, 1967 AND FILED AS MAP BOOK 5 PAGE 25.

1 — SITE ACCESS MAP
SCALE: 1" = 40' FULL SIZE
1" = 80' 11 X 17

GRAPHIC SCALE
80 0 40 80
IN FEET

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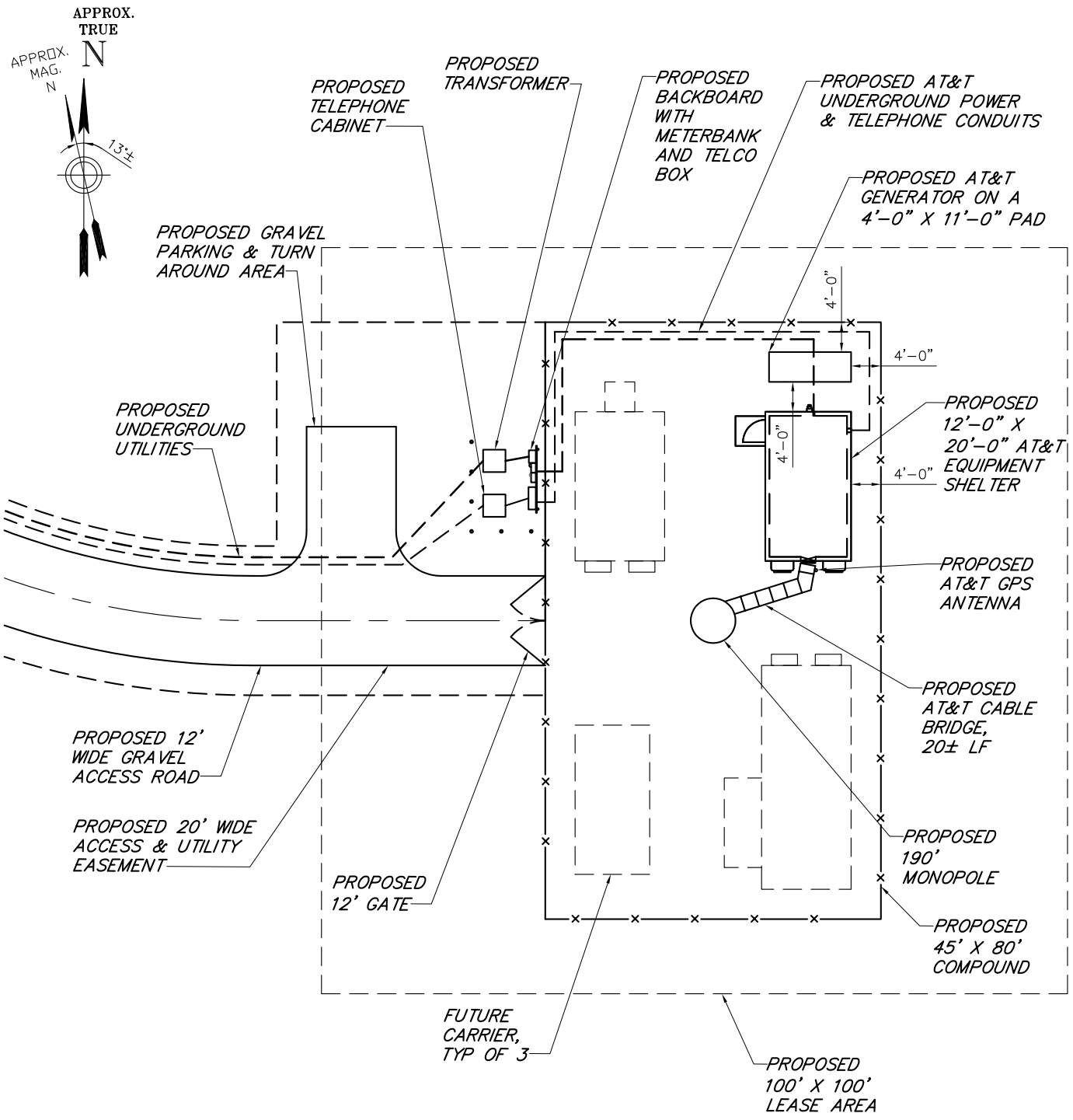
CHA PROJECT NO:
18301 – 1028 – 1601

NO.	SUBMITTAL		
0	10/30/09	ISSUED FOR CSC CERTIFICATE	
	BY: JDM	CHK: PAL	APP'D: JPS
1	09/21/10	REVISED TOWER HEIGHT	
	BY: JDM	CHK: PAL	APP'D: JPS

SITE ID:
SR1107
SITE NAME:
WILLINGTON
SITE ADDRESS:
TOLLAND TURNPIKE
WILLINGTON, CT
06279
TOLLAND COUNTY

SHEET TITLE
SITE ACCESS MAP

SHEET NUMBER
C02



1 — COMPOUND PLAN
SCALE: 1" = 20'

GRAPHIC SCALE
20 0 10 20
IN FEET

BASEMAP NOTES:

1. BASEMAP INFORMATION OBTAINED FROM A SURVEY PERFORMED BY CLOUGH HARBOUR & ASSOCIATES LLP IN OCTOBER 2009.

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WILLINGTON
TOLLAND TURNPIKE
WILLINGTON, CT 06279
TOLLAND COUNTY

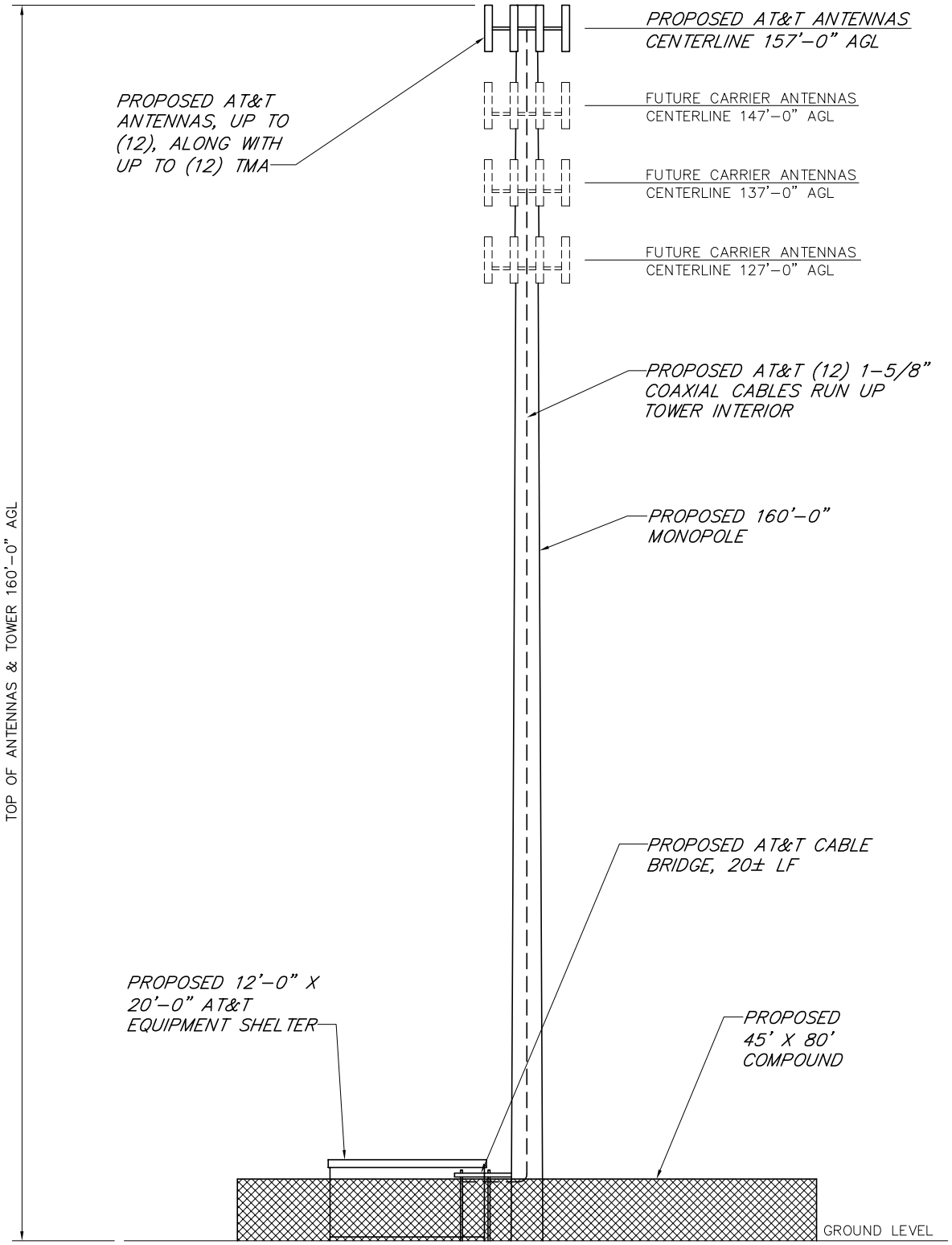
CHA PROJ. NO. – 18301–1028

SHEET TITLE: COMPOUND PLAN

DATE: 10/30/09

REVISION: 0

DATE: 11/4/2009 10:59 AM FILE: W:\SAI CINGULAR\18301\SITES\1028 WILLINGTON 1107\ZD\WILLINGTON-3 COMPOUND PLAN.DWG



1 — TOWER ELEVATION
SCALE: 1" = 20'

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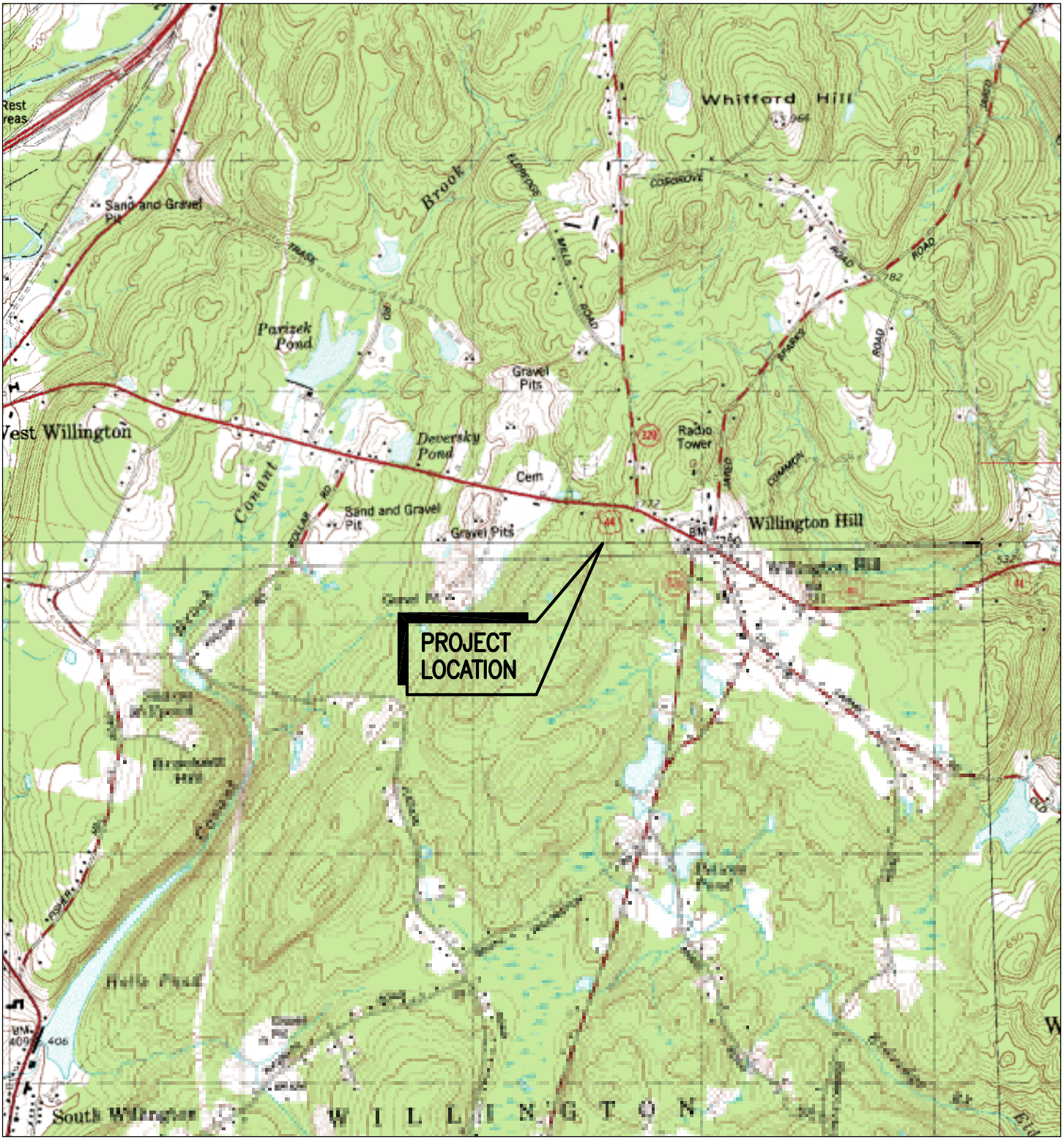
CHA PROJ. NO. – 18301-1028

SHEET TITLE: ELEVATION

DATE: 09/21/10

REVISION: 1



1 **1988 USGS TOPO MAP: COVENTRY 41072-G3**

SCALE: 1" = 2000'

0 1000 2000

SCALE IN FEET

TRUE NORTH

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CHA PROJ. NO. – 18301-1028

SHEET TITLE:
USGS TOPO MAP

DATE:
10/30/09

REVISION:
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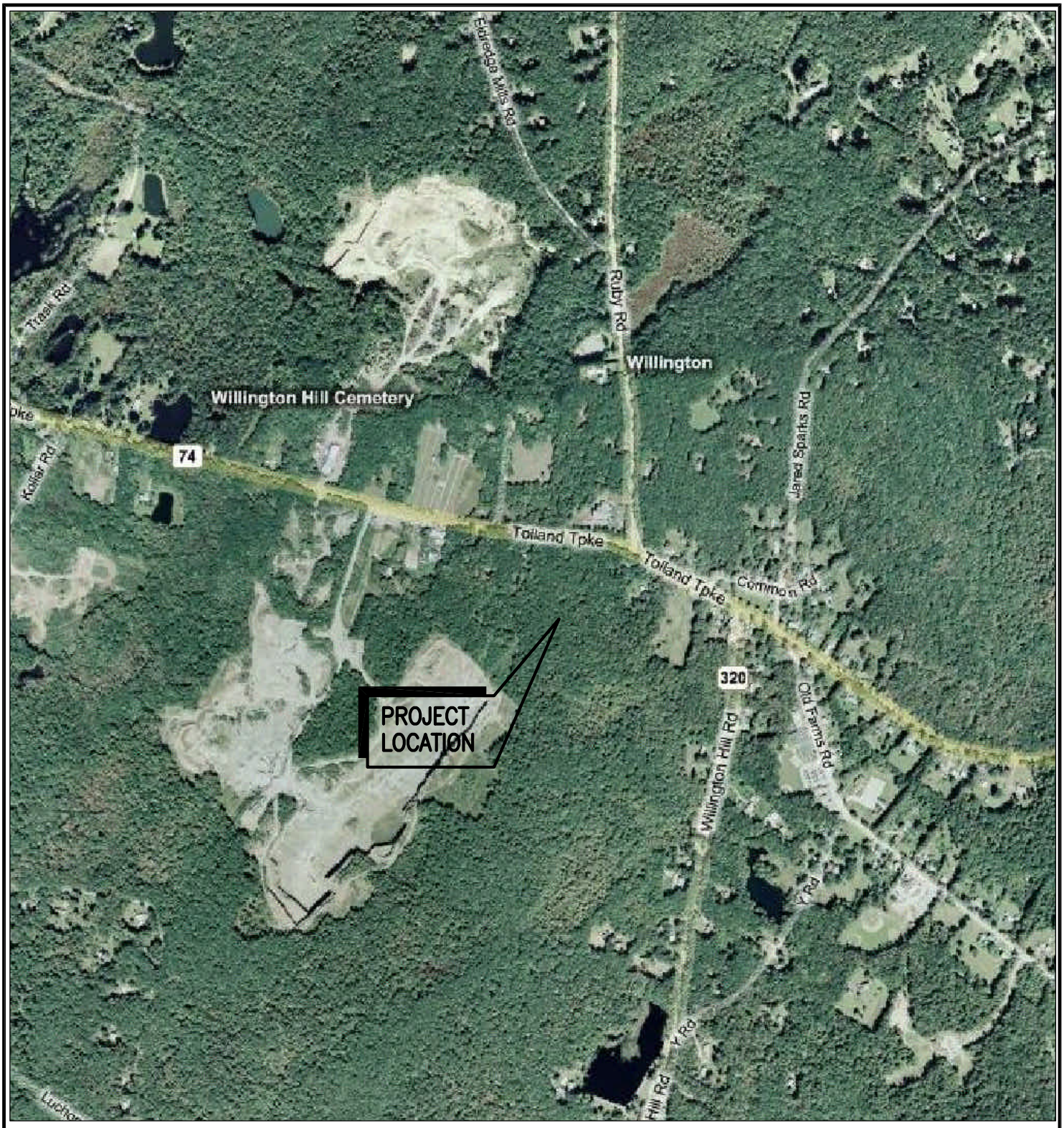
DATE: 10/29/2009 3:32 PM FILE: W:\SAI CINGULAR\18301\SITES\1028 WILLINGTON 1107\ZD\WILLINGTON-5 USGS.DWG



1 **2004 AERIAL PHOTO**
SCALE: 1" = 1000'

0 500 1000
SCALE IN FEET

TRUE NORTH

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CHA PROJ. NO. – 18301–1028

SHEET TITLE:
AERIAL PHOTO

DATE:
10/30/09

REVISION:
0

DATE: 10/30/2009 7:39 AM FILE: W:\SAI CINGULAR\18301\SITES\1028 WILLINGTON 1107\ZD\WILLINGTON-6 AERIAL.DWG

CLOUGH HARBOUR & ASSOCIATES LLP

Site Number: SR1107
Site Name: Willington
Site Address: Tolland Turnpike, Willington, CT 06279

Access distances:

Distance of access over existing asphalt driveway: 331'
Distance of access over new gravel driveway: 581'
Total distance of site access: 912'

Distance to Nearest Wetlands:

41' from wetland flag A7 to edge of proposed access drive

Distance to Property Lines:

354' to the northern property boundary
1,120' to the southern property boundary
582' to the western property boundary
520' to the eastern property boundary

Residence Information:

There are 6 residences within 1,000' feet of the tower. The closest residence is 445' to the N and W and is owned by Jean Paul Landry and is located at 202 Tolland Turnpike, Willington, CT 06279.

Tree Removal Count:

See tree letter.

Distance to Nearest Town (Must notify town if less than 2,500'):

The nearest town to the proposed tower is Tolland. The town boundary is 9,500' to the west.

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CLOUGH HARBOUR & ASSOCIATES LLP

October 30, 2009

New Cingular Wireless PCS, LLC
500 Enterprise Drive
Rocky Hill, CT 06067

RE: Tree Inventory
Site: Willington
Tolland Turnpike
Willington, CT 06279
CHA # 15363-1028-1101

A site survey was completed at the subject site in October 2009. A requirement of the survey involved determining the location of all trees within the topographic survey area with a diameter at breast height of 6" or larger. As can be seen on the site access map, there are fifty-five (55) trees with a diameter of 6" or larger within the area of the proposed access road and compound which need to be removed for construction of the facility. The quantity and size of trees being removed is summarized in the below table:

Tree Diameter	Number of Trees to be Removed
6"	7
8"	6
10"	12
12"	9
18"	6
20"	3
24"	7
30"	3
36"	2
TOTAL	**55**

If you have any questions, comments or need further information, please do not hesitate to contact our office.

Very truly yours,

CLOUGH HARBOUR & ASSOCIATES LLP

Paul Lusitani

Paul Lusitani
Project Engineer

W:\SAI Cingular\18301\Sites\1028 Willington 1107\ZD\WILLINGTON-10 TREE INVENTORY.doc

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ATTACHMENT 3(B)

Visual Analysis Report

Willington
Tolland Turnpike
Willington, CT

CHA Project Number: 18301.1028.1101

Prepared for:
New Cingular Wireless PCS, LLC
500 Enterprise Drive
Rocky Hill, CT 06067

Prepared by:

2139 Silas Deane Highway
Rocky Hill, Connecticut 06067
(860) 257-4557

November 2009 Rev. 0
February 9, 2010 Rev. 1

TABLE OF CONTENTS

1.0 INTRODUCTION

CHA conducted a visibility study for the proposed 160'-0" monopole located on Tolland Turnpike in Willington, CT. The purpose of the study was to determine the visual impact, if any, that a proposed 160'-0" monopole would have on the surrounding community within a two mile radius study area. Two techniques were utilized to determine the visual impact within the study area: a computer model using topography and vegetation as constraints to estimate the visual limits and a field analysis to verify the visual limits determined from the computer model. Research of the study area was also conducted to determine locations of sensitive visual receptors.

2.0 SITE AND STUDY AREA DESCRIPTION

The subject parcel is approximately 47.7 acres. A majority of the parcel is wooded, and there are no residences on the parcel. The proposed facility is located at the peak of a wooded hill north of the center of the parcel approximately 500' from Tolland Turnpike (CT Route 74). The base of the tower will be 768' AMSL. The wooded area surrounding the proposed facility will act as a visual buffer to the adjacent residential and wooded parcels.

The topography within the study area consists of hills ranging from 400' AMSL to 950' AMSL. Approximately 6,611 acres, or 82.1%, of the 8,053 acre study area is covered with vegetation. The rolling hills and heavy vegetation in the study area will help screen the facility in the surrounding areas. Watercourses occupy approximately 123 acres, or 1.5%, of the study area. There is a historical district found on the National Register of Historic Places, the Willington Common Historic District, as well as approximately 40 properties designated by the Town of Willington as having historic value. There is also 1 school, 2 cemeteries, and 3 churches within the study area. There are no designated scenic roads, trails, parks, or recreational facilities in the study area.

3.0 COMPUTER MODEL VISUAL ANALYSIS

A computer model was developed using a proprietary AutoCAD-based application developed by our Technology Solutions Group to estimate how the surrounding topography and vegetation within a 2 mile radius may obstruct the monopole's visibility. The visibility calculations are completed using digital elevation models (DEM), which are models of the earth's surface represented by a grid of elevations spaced 10 or 30 meters and is based on USGS topography maps. Each point in the DEM is independently tested for visibility based on the surrounding topography developed from the USGS maps. Once all points have been tested, a map is generated showing areas of visibility and areas screened by topography. Knowing which areas are screened by topography will assist in field determining which areas within the study area may have seasonal visibility. Next, vegetation within the study area is added to the map by digitizing it from 2004 aerial photographs. CHA's application utilizes a vegetation outline layer which is assigned the standard 65' height. A new map is generated showing only areas of visibility based on topography and the vegetation constraint. The visible areas on the map based on the surrounding topography and vegetation will be verified during the field visual analysis.

4.0 VISUAL RECEPTOR RESEARCH

Research of the surrounding study area was conducted to determine the locations of sensitive visual receptors such as historic sites, historic districts, schools, churches, cemeteries, parks, playgrounds, recreational areas, walking trails, beaches, and scenic roads. Historic sites and districts were determined from national and state registers. State parks and walking trail systems were determined from the CTDEP website. Surrounding schools, churches, cemeteries, parks, playgrounds, recreational areas, and beaches were determined from street maps, internet searches, and available mapping from the Town's website. Scenic roads were determined from the CTDOT list of designated scenic roads. Inquiries were also made to the Town of Willington to determine if there are any locally designated scenic roads, historic districts or properties, or walking trails. All of the above sensitive visual receptors were added to the viewshed map.

5.0 FIELD VISUAL ANALYSIS

On October 26th, 2009 a field visual analysis was conducted to verify the sensitive visual receptors and the limit of visibility determined from our research and computer model. Weather conditions were favorable on the date of the visibility study as it was a clear and sunny day with winds between 4-5 MPH; therefore, visibility of the balloon from surrounding areas was not affected. In general, the field visibility study was conducted as follows: A 36" diameter black balloon was flown at a height of 190'-0"* above existing grade. Once the balloon was flown, CHA completed a field drive of the surrounding area to determine the visibility of the balloon, and thus the proposed tower. Visibility from the sensitive visual receptors was our primary focus so photos were taken from each of these locations. Photos were also taken from major streets, intersections, and residential areas; from key areas where the balloon was visible; and from key areas where it was not visible. The limits of visibility determined from the computer model were field verified and adjusted as needed. Areas of potential seasonal visibility were field determined and marked on the viewshed map. Finally, the number of residences within the seasonal and year round visible areas was determined.

*The balloon was flown at 190'-0" above existing grade as this was the originally proposed height. The photosims (Section 8.0) were adjusted to reflect the newly proposed height of 160'-0". The limits of potential year round and seasonal visibility (See Section 7.0 Viewshed Maps) were modified based on the adjusted photosims.

6.0 CONCLUSION

The results of our visual study are summarized in the following documents: Section 7.0: Viewshed Map, and Section 8.0: Photosims. In conclusion, the year round visual impact to the surrounding community within a two mile radius is limited to the red hatched areas on the viewshed map, which is approximately 0.9%, or 71.7 acres, of the total study area. The limit of year round visibility includes the area surrounding the following public streets: a 1150' stretch along Glass Factory Road; a 285' stretch along Willington Hill Road (CT Route 320); and a 370', 670', 1635' stretch along Tolland Turnpike (CT Route 74). These areas contain residential properties and will impact the following number of residences: 1 residence along Glass Factory Road; and 10 residences along Tolland Turnpike (CT Route 74). The proposed monopole will be seen year round from the following visual receptors: Willington Hill Cemetery, and Old West Cemetery.

Immediately outside some of the limits of year round visibility, trees start to screen the proposed monopole giving the potential for seasonal views. The blue hatched areas on the viewshed map indicate the approximate seasonal visual impact estimated during leaf on conditions, which is approximately 0.2%, or 16.3

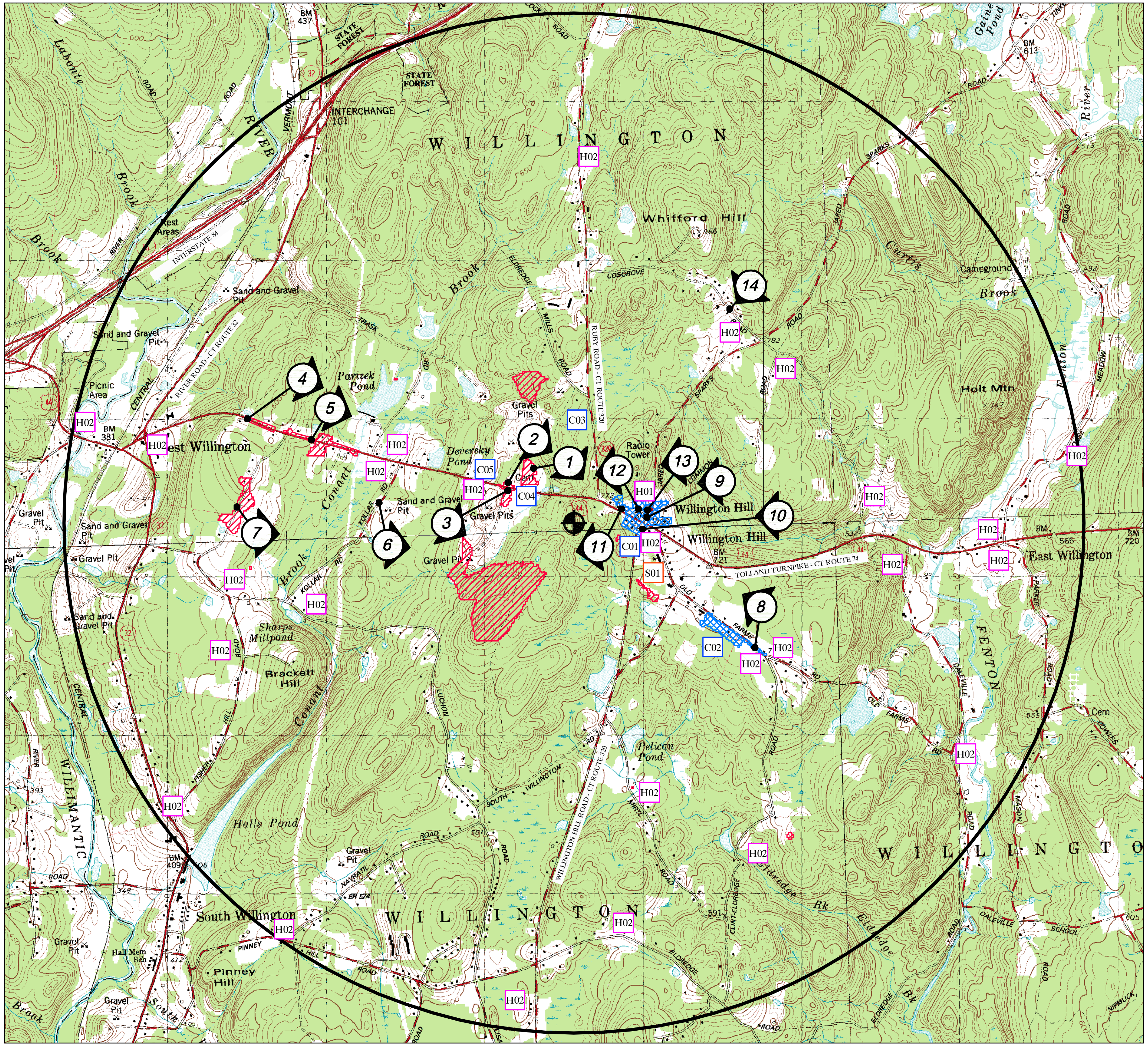
acres, of the total study area. The limit of seasonal visibility includes the area surrounding the following public streets: a 1,500' stretch along Old Farms Road; a 465' stretch along Jared Sparks Road; a 575' stretch along Common Road; and a 705' stretch along Tolland Turnpike (CT Route 74). Some of these areas contain residential properties and will impact the following number of residences: 6 residences along Old Farms Road. The proposed monopole will be seen seasonally from the following visual receptors: Willington Common Historic District (See Figure VS-02 "Willington Common Historic District Tower Visibility" for additional detail on specific views), St. Jude Church and Rectory, and 2 town designated historic properties on Old Farms Road.

The remainder of the two mile radius study area is screened by topography (3,398 acres, 42.2%) and vegetation (4,567 acres, 56.7%). Photos documenting the visible conditions described above have been included in the photo-simulations with their locations marked on the viewshed map. Following is a summary of each view with a description of the tower visibility:

View Number	Location	Distance from Tower	Visibility	Amount of Tower Visible (Ft/%)	Nearby Residences with Views By Addresses	Nearby Visual Receptors with Views
1	Willington Hill Cemetery	1,409.2	Year Round	35 / 22%	None	Willington Hill Cemetery, and Old West Cemetery
2	Old West Cemetery	1,598.0	Year Round	20 / 13%	None	
3	Tolland Turnpike - CT Route 74	1,525.5	Year Round	75 / 47%	None	
4	Tolland Turnpike - CT Route 74	7,096.9	Year Round	105 / 66%	70, 72, 77, 74*, and 78*	None
5	Tolland Turnpike - CT Route 74	5,703.8	Year Round	80 / 50%	105, 106, 108, 110, and 114	None
6	Koller Road	4,062.2	Non-Visible	None	None	None
7	Glass Factory Road	6,988.0	Year Round	10 / 6%	33	None
8	Old Farms Road	4,547.3	Seasonal	30 / 19%	49, 55, 56, 60, 61, and 67	St. Jude Church & Rectory, and 2 Town Designated Historic Properties on Old Farms Road
9	Willington Common Historic District Green	1,514.3	Seasonal	75 / 47%	None	Willington Hill Church, and Willington Common Historic District
10	The Hiram Rider House (Willington Common Historic District	1,427.8	Seasonal	10 / 6%	None	
11	Daniel Glazier Tavern (Willington Common Historic District)	1,026.5	Seasonal	10 / 6%	None	
12	The Old Baptist Personage (Willington Common Historic District)	1,365.6	Seasonal	30 / 19%	None	
13	The Old Congregational Church (Willington Common Historic District)	1,547.5	Seasonal	60 / 38%	None	
14	Crossgrove Road	5,481.8	Non-Visible	None	None	None

*No House/Mailbox labels found during field visit. House Number is assumed.

7.0 VIEWSHED MAPS



NOTES:

1. Only visible areas are shown on the map utilizing the process described in note 2. The remainder of the map has been estimated to be nonvisible utilizing the process described in note 3.
2. Seasonal and year round areas of visibility were estimated from a field visual analysis within public R.O.W. and public properties. Areas shown on private property were interpolated from the field visual analysis.
3. Nonvisible areas were estimated from a computer generated topography & vegetation analysis and field verification of vegetation & building screening within public R.O.W and public properties. Vegetation limits were determined from 2004 aerial photos and is assumed to be 65' high. Verification of vegetation height, coverage, and type within private areas not visible from public R.O.W or public properties was not field verified.
4. Historical areas were determined from national and state historical registers.
5. Parks, schools, cemeteries, and churches were determined from street maps and field observations.
6. Scenic roads, if any, were determined from the CTDOT list of designated scenic roads and field observations.

Legend

APPROXIMATE LOCATION OF PROPOSED MONOPOLE

COMPUTER SIMULATION PHOTOGRAPH LOCATION

APPROXIMATE LIMIT OF SEASONAL TOWER VISIBILITY

APPROXIMATE LIMIT OF YEAR ROUND TOWER VISIBILITY

C# CHURCH/CEMETERY

S# SCHOOL

H# HISTORICAL SITE

Visibility by Acreage

ITEM	APPROXIMATE ACRES	% OF TOTAL AREA
2 MILE RADIUS AREA	8,053	100%
NOT VISIBLE DUE TO TOPOGRAPHY	3,398	42.2%
NOT VISIBLE DUE TO VEGETATION	4,567	56.7%
VISIBLE YEAR ROUND	71.7	0.9%
POTENTIAL SEASONAL VISIBILITY	16.3	0.2%

Distances from Photo Locations to Tower

PHOTO	DIST. (FT)	PHOTO	DIST. (FT)
01	1,409.2	08	4,547.3
02	1,598.0	09	1,514.3
03	1,525.5	10	1,427.8
04	7,096.9	11	1,026.5
05	5,703.8	12	1,365.6
06	4,062.2	13	1,547.5
07	6,988.0	14	5,481.8

Historic Sites:

- H01 Willington Common Historic District**
- H02 Town Designated Historic Properties (+/- 40 Properties)

**For additional detail in this area see Figure VS-02 "Willington Common Historic District Tower Visibility"

Schools:

- S01 Center Elementary School

Church/Cemetery:

- C01 Willington Hill Church
- C02 St. Jude Church & Rectory
- C03 Willington Baptist Church
- C04 Willington Hill Cemetery
- C05 Old West Cemetery

Scenic Roads:

1. No roads within the 2 mile radius are listed on the CTDOT list of scenic roads.
2. No scenic road sign designations were observed during the field visual analysis.

Visibility by Residence

STREET	YEAR ROUND TOTAL	YEAR ROUND ADDRESSES	SEASONAL TOTAL	SEASONAL ADDRESSES
Tolland Turnpike (CT Route 74)	10	70,72,77,74*,78*, 105,106,108,110,114	-	-
Glass Factory Road	1	33	-	-
Old Farms Road	-	-	6	49,55,56,60,61,67

*No House/Mailbox labels found during field visit. House number is assumed.

2 MILE VIEWSHED ANALYSIS MAP

WILLINGTON VISUAL IMPACT ASSESSMENT

PREPARED FOR:

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ROCKY HILL, CT 06067

PREPARED BY:

CHA

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Main: (860) 257-4557 · www.chacompanies.com

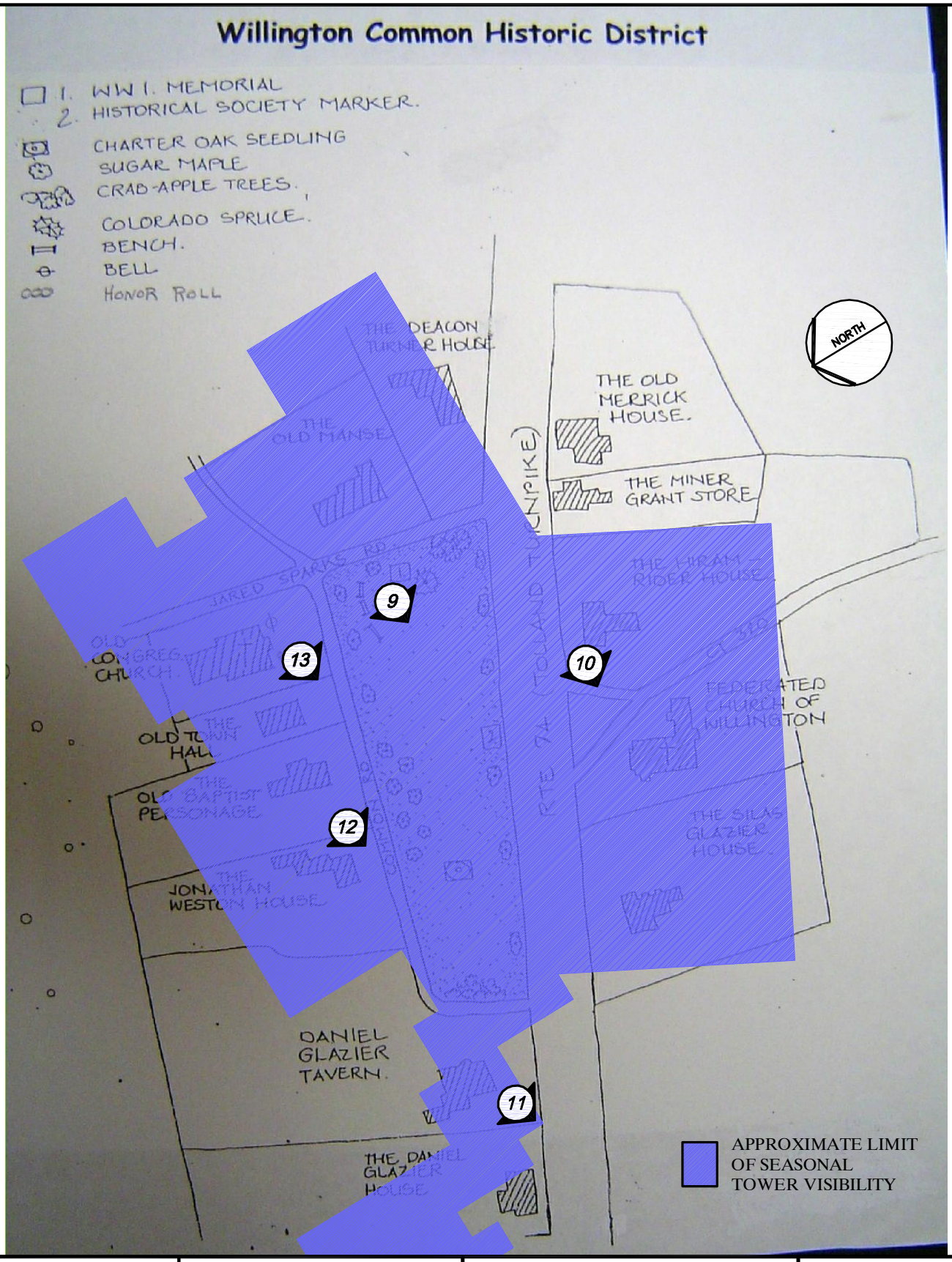
CHA Project No.
18301-1028-1101

FEBRUARY 2010

0 625' 1250' 2500' 5000'

NORTH

FIGURE VS-01



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SHEET TITLE:

WILLINGTON COMMON HISTORIC DISTRICT TOWER VISIBILITY

CHA PROJ. NO. – 18301–1028

FIGURE TITLE: VS-02

DATE: 02/09/10

REVISION: 1

DATE: 2/10/2010 8:29 AM FILE: W:\SAI CINGULAR\18301\SITES\1028 WILLINGTON 1107\VISUAL REPORT\WILLINGTON VIEWSHED MAP.DWG

8.0 PHOTOSIMS

Photosim for conceptual purposes only - actual antenna and equipment locations to be determined based on final engineering design

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DATE: FEB 2010

SITE: WILLINGTON

VIEW 1 - EXISTING VIEW FROM WILLINGTON HILL CEMETERY LOOKING SOUTHEAST TOWARD SITE

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SITE: WILLINGTON

VIEW 1 - PROPOSED VIEW FROM WILLINGTON HILL CEMETERY LOOKING SOUTHEAST TOWARD SITE (PLATFORM MOUNT OPTION)

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DATE: FEB 2010

SITE: WILLINGTON

VIEW 1 - PROPOSED VIEW FROM WILLINGTON HILL CEMETERY LOOKING SOUTHEAST TOWARD SITE (FLUSH MOUNT OPTION)

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DATE: FEB 2010

SITE: WILLINGTON

VIEW 2 - EXISTING VIEW FROM OLD WEST CEMETERY LOOKING SOUTHEAST TOWARD SITE

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DATE: FEB 2010

SITE: WILLINGTON

VIEW 2 - PROPOSED VIEW FROM OLD WEST CEMETERY LOOKING SOUTHEAST TOWARD SITE (PLATFORM MOUNT OPTION)

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SITE: WILLINGTON

VIEW 2 - PROPOSED VIEW FROM OLD WEST CEMETERY LOOKING SOUTHEAST TOWARD SITE (FLUSH MOUNT OPTION)

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DATE: FEB 2010

SITE: WILLINGTON

VIEW 3 - EXISTING VIEW FROM ROUTE 74 (NEAR WILLINGTON HILL PACKAGE STORE) LOOKING SOUTHEAST TOWARD SITE

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SITE: WILLINGTON

VIEW 3 - PROPOSED VIEW FROM ROUTE 74 (NEAR WILLINGTON HILL PACKAGE STORE) LOOKING SOUTHEAST TOWARD SITE
(PLATFORM MOUNT OPTION)

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SITE: WILLINGTON

VIEW 3 - PROPOSED VIEW FROM ROUTE 74 (NEAR WILLINGTON HILL PACKAGE STORE) LOOKING SOUTHEAST TOWARD SITE
(FLUSH MOUNT OPTION)

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SITE: WILLINGTON

VIEW 4 - EXISTING VIEW FROM ROUTE 74 LOOKING SOUTHEAST TOWARD SITE

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SITE: WILLINGTON

VIEW 4 - PROPOSED VIEW FROM ROUTE 74 LOOKING SOUTHEAST TOWARD SITE
(PLATFORM MOUNT OPTION)

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SITE: WILLINGTON

VIEW 4 - PROPOSED VIEW FROM ROUTE 74 LOOKING SOUTHEAST TOWARD SITE
(FLUSH MOUNT OPTION)

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DATE: FEB 2010

SITE: WILLINGTON

VIEW 5 - EXISTING VIEW FROM ROUTE 74 LOOKING SOUTHEAST TOWARD SITE

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SITE: WILLINGTON

VIEW 5 - PROPOSED VIEW FROM ROUTE 74 LOOKING SOUTHEAST TOWARD SITE (PLATFORM MOUNT OPTION)

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SITE: WILLINGTON

VIEW 5 - PROPOSED VIEW FROM ROUTE 74 LOOKING SOUTHEAST TOWARD SITE (FLUSH MOUNT OPTION)

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SITE: WILLINGTON

VIEW 6 - NON-VISIBLE VIEW FROM KOLLAR ROAD LOOKING EAST TOWARD SITE

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SITE: WILLINGTON

VIEW 7 - EXISTING VIEW FROM GLASS FACTORY ROAD LOOKING EAST TOWARD SITE

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SITE: WILLINGTON

VIEW 7 - PROPOSED VIEW FROM GLASS FACTORY ROAD LOOKING EAST TOWARD SITE (PLATFORM MOUNT OPTION)

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SITE: WILLINGTON

VIEW 7 - PROPOSED VIEW FROM GLASS FACTORY ROAD LOOKING EAST TOWARD SITE (FLUSH MOUNT OPTION)

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SITE: WILLINGTON

VIEW 8 - EXISTING VIEW FROM OLD FARMS ROAD LOOKING NORTHWEST TOWARD SITE

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VIEW 8 - PROPOSED VIEW FROM OLD FARMS ROAD LOOKING NORTHWEST TOWARD SITE (PLATFORM MOUNT OPTION)

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VIEW 8 - PROPOSED VIEW FROM OLD FARMS ROAD LOOKING NORTHWEST TOWARD SITE (FLUSH MOUNT OPTION)

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SITE: WILLINGTON

VIEW 9 - EXISTING VIEW FROM WILLINGTON COMMON HISTORIC DISTRICT GREEN LOOKING WEST TOWARD SITE

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VIEW 9 - PROPOSED VIEW FROM WILLINGTON COMMON HISTORIC DISTRICT GREEN LOOKING WEST TOWARD SITE (PLATFORM MOUNT OPTION)

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SITE: WILLINGTON

VIEW 9 - PROPOSED VIEW FROM WILLINGTON COMMON HISTORIC DISTRICT GREEN LOOKING WEST TOWARD SITE (FLUSH MOUNT OPTION)

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SITE: WILLINGTON

VIEW 10 - EXISTING VIEW FROM THE HIRAM RIDER HOUSE LOOKING WEST TOWARD SITE

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SITE: WILLINGTON

VIEW 10 - PROPOSED VIEW FROM THE HIRAM RIDER HOUSE LOOKING WEST TOWARD SITE (PLATFORM MOUNT OPTION)

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SITE: WILLINGTON

VIEW 10 - PROPOSED VIEW FROM THE HIRAM RIDER HOUSE LOOKING WEST TOWARD SITE (FLUSH MOUNT OPTION)

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SITE: WILLINGTON

VIEW 11 - EXISTING VIEW FROM THE DANIEL GLAZIER TAVERN LOOKING WEST TOWARD SITE

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SITE: WILLINGTON

VIEW 11 - PROPOSED VIEW FROM THE DANIEL GLAZIER TAVERN LOOKING WEST TOWARD SITE (PLATFORM MOUNT OPTION)

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SITE: WILLINGTON

VIEW 11 - PROPOSED VIEW FROM THE DANIEL GLAZIER TAVERN LOOKING WEST TOWARD SITE (FLUSH MOUNT OPTION)

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SITE: WILLINGTON

VIEW 12 - EXISTING VIEW FROM 5 COMMON ROAD LOOKING WEST TOWARD SITE

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SITE: WILLINGTON

VIEW 12 - PROPOSED VIEW FROM
5 COMMON ROAD LOOKING
WEST TOWARD SITE
(PLATFORM MOUNT OPTION)

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DATE: FEB 2010

SITE: WILLINGTON

VIEW 12 - PROPOSED VIEW FROM
5 COMMON ROAD LOOKING
WEST TOWARD SITE
(FLUSH MOUNT OPTION)

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DATE: FEB 2010

SITE: WILLINGTON

VIEW 13 - EXISTING VIEW FROM THE OLD CONGREGATIONAL CHURCH LOOKING WEST TOWARD SITE

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SITE: WILLINGTON

VIEW 13 - PROPOSED VIEW FROM THE OLD CONGREGATIONAL CHURCH LOOKING WEST TOWARD SITE (PLATFORM MOUNT OPTION)

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DATE: FEB 2010

SITE: WILLINGTON

VIEW 13 - PROPOSED VIEW FROM THE OLD CONGREGATIONAL CHURCH LOOKING WEST TOWARD SITE (FLUSH MOUNT OPTION)

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SITE: WILLINGTON

VIEW 14 - NON-VISIBLE VIEW FROM CROSSGROVE ROAD LOOKING SOUTHWEST TOWARD SITE

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ATTACHMENT 3(C)

Candidate A: Environmental Assessment Statement

I. PHYSICAL IMPACT

A. WATER FLOW AND QUALITY

No water flow and/or water quality changes are anticipated as a result of the construction or operation of the proposed facility. The construction and operation of the tower and related site improvements will have no effect on any watercourses or water bodies. Best Management Practices to control storm water and soil erosion during construction will be implemented. The equipment associated with the facility will discharge no pollutants to area surface or groundwater systems.

B. AIR QUALITY

Under ordinary operating conditions, the telecommunications equipment that would be used at the proposed facility would emit no air pollutants of any kind. Infrequent use of a generator would result in a small amount of emissions.

C. LAND

Some clearing and grading will be necessary in the compound area and access drive and best management practices implemented for any steep slopes. The remaining land of the lessor would remain unchanged by the construction and operation of the facility.

D. NOISE

The equipment to be in operation at the facility would not emit noise other than that provided by the operation of the installed heating, air-conditioning and ventilation system as well as a proposed generator to be utilized in power outages. Some construction related noise would be anticipated during facility construction, which is expected to take approximately four to six weeks. Temporary power outages could involve sound from an emergency generator.

E. POWER DENSITY

The cumulative worst-case calculation of power density from AT&T's operations at the facility would be 5.2% of the MPE standard. Attached is a copy of AT&T's Power Density Report dated September 20, 2010.

F. VISIBILITY

The potential visual impact of the proposed facility was determined by preparation of the attached Visual Analysis Report prepared by Clough Harbour & Associates LLP in November 2009 and revised in February of 2010. The potential visibility of the proposed

monopole was assessed within an approximate two-mile radius using a computer-based, predictive view shed model and in-field visual analysis. As shown in the report and photosimulations, only 71.7 acres (approximately 0.9%) of the 8,042-acre study area (a two-mile radius of the proposed facility) would have views of the proposed tower above the tree canopy. The proposed monopole would be visual year round from some visual receptors including the Willington Historic District. Overall, there is intervening topography and vegetation in the area that serve to limit visibility.

II. SCENIC, NATURAL, HISTORIC & RECREATIONAL VALUES

The parcel on which the facility is located exhibits no unique scenic, natural, historic or recreational characteristics. Its location is adjacent to an existing and active gravel mining operation. The Connecticut State Historic Preservation Officer ("SHPO") has been contacted to review the proposed facility and expressed concerns regarding the location of a historic cemetery and the potential impact on such an archeological resource. However, subsequent research revealed that the cemetery of concern was instead located north of Tolland Turnpike and not to the south where the access road and facility are proposed. SHPO did determine that the proposed facility at 160' in height will have an adverse effect on visual resources. The Connecticut Department of Environmental Protection Natural Diversity Database ("NDDB") map for the project area has been reviewed and no nearby threatened or endangered species present and accordingly no such impacts are anticipated.

TOWAIR Determination Results

*** NOTICE ***

TOWAIR's findings are not definitive or binding, and we cannot guarantee that the data in TOWAIR are fully current and accurate. In some instances, TOWAIR may yield results that differ from application of the criteria set out in 47 C.F.R. Section 17.7 and 14 C.F.R. Section 77.13. A positive finding by TOWAIR recommending notification should be given considerable weight. On the other hand, a finding by TOWAIR recommending either for or against notification is not conclusive. It is the responsibility of each ASR participant to exercise due diligence to determine if it must coordinate its structure with the FAA. TOWAIR is only one tool designed to assist ASR participants in exercising this due diligence, and further investigation may be necessary to determine if FAA coordination is appropriate.

DETERMINATION Results

Structure does not require registration. There are no airports within 8 kilometers (5 miles) of the coordinates you provided.

Your Specifications

NAD83 Coordinates

Latitude	41-52-32.4 north
Longitude	072-16-09.7 west

Measurements (Meters)

Overall Structure Height (AGL)	57.9
Support Structure Height (AGL)	57.9
Site Elevation (AMSL)	234.1

Structure Type

TOWER - Free standing or Guyed Structure used for Communications Purposes

Tower Construction Notifications
Notify Tribes and Historic Preservation Officers of your plans to build a tower.

CLOSE WINDOW

Tony Wells
C Squared Systems
920 Candia Road
Manchester, NH 03109
603-657-9702
Tony.Wells@csquaredsystems.com

C Squared Systems, LLC

September 20, 2010

Connecticut Siting Council

Subject: New Cingular Wireless, Willington, CT

Dear Connecticut Siting Council:

C Squared Systems has been retained by New Cingular Wireless to investigate the RF Power Density at the proposed site located at Tolland Turnpike, Willington, CT.

Calculations were done in accordance with FCC OET Bulletin 65. These worst-case calculations assume that all transmitters are simultaneously operating at full power and pointing directly at the ground. The calculation point is 6 feet above ground level to model the RF power density at the head of a person standing at the base of the tower.

Location	Carrier	Antenna Centerline Height Above Ground Level (Ft.)	Operating Frequency (MHz)	Number of Trans.	Effective Radiated Power (ERP) Per Transmitter (Watts)	Power Density (mw/cm^2)	Limit	% FCC MPE Limit General Public/ Uncontrolled
Ground Level	AT&T UMTS	157	880	1	500	0.0079	0.5867	1.34%
	AT&T UMTS	157	1900	1	500	0.0079	1.0000	0.79%
	AT&T GSM	157	880	3	296	0.0140	0.5867	2.39%
	AT&T GSM	157	1900	1	427	0.0067	1.0000	0.67%
							Total	**5.20%**

Summary: Under worst-case assumptions, the RF Power Density at the proposed site located at Tolland Turnpike, Willington, CT will not exceed 5.20% of the FCC MPE limit for General Public/Uncontrolled Environments.

Sincerely,

anthony wells

Anthony Wells
Managing Partner

KLEINFELDER
Bright People. Right Solutions.

December 4, 2009

Paul Lusitani
Project Manager
Clough Harbour & Associates, LLP
2139 Silas Deane Highway
Rocky Hill, CT 06067

RE: Wetland & Watercourse Delineation Report
Tolland Turnpike (Site ID: SR1107)
Willilngton, CT 06279
Project # 106386

Dear Mr. Lusitani:

Kleinfelder East, Inc. (Kleinfelder) completed an on-site investigation to determine the presence or absence of wetlands and/or watercourses on the above referenced property (Tolland Turnpike), as requested and authorized. This investigation involved a wetland/watercourse delineation that was completed by a qualified staff soil scientist and conducted in accordance with the principles and practices noted in the United States Department of Agriculture (USDA) Soil Survey Manual (Soil Survey Staff, 1993). The soil classification system of the National Cooperative Soil Survey was used in this investigation to identify the soil map units present on the project site.

INVESTIGATION

The project site was investigated on September 21, 2009, with a temperature in the mid-60s under sunny conditions. Soil types were identified by observing soil morphology (soil texture, color, structure, etc.). To observe the morphology of the soils, numerous test pits and/or hand borings (generally to a depth of at least two feet) were completed. Wetland and watercourse boundaries were identified with flags and hung from vegetation or stakes if in fields or grass communities. These flags are labeled "Wetland Delineation" and generally spaced approximately 25 feet apart. It is important to note that flagged wetland and watercourse boundaries are subject to change until verified by local, state, or federal regulatory agencies.

REGULATORY INFORMATION

Wetlands and watercourses are regulated by both state and federal law each with different definitions and regulatory requirements. Accordingly, the State may regulate waters that fall outside of federal jurisdiction; however, where federal jurisdiction exists concurrent State jurisdiction is almost always present.

State Regulations

Wetland determinations are based on the presence of poorly drained, very poorly drained, alluvial, or floodplain soils and submerged land. *Watercourses* are defined as "rivers, streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs and all other bodies of water, natural or artificial, vernal or intermittent, public or private, which are contained within, flow through or border upon the state or any portion thereof." *Intermittent watercourse* determinations are made based on the presence of a defined permanent channel and bank, and two of the following characteristics: (1) evidence of scour or deposits of recent alluvium or detritus, (2) the presence of standing or flowing water for a duration longer than a particular storm incident, and (3) the presence of hydrophytic vegetation. (See Inland Wetlands and Watercourses Act §22a-38 CGS.)

WETLAND AND WATERCOURSE SITE DESCRIPTION

Wetland classifications used to identify the type of wetland(s) occurring on the project site are based on guidance from the U.S. Fish and Wildlife Service (USFWS) (Cowardin et. al. 1979). These are further qualified with the Hydrogeomorphic Method of wetland classification (Brinson, 1993).

One on-site wetland system was delineated during the September 2009 site visit using sequentially numbered flags ranging from A1 to A11 (see attached plans). The wetland consisted of a palustrine, forested, broad-leaved deciduous, saturated (USFWS class: PFO1) wetland system. As indicated by its classification, this wetland community is predominantly a forested habitat. The adjacent area consists of an open mixed hardwood forest dominated by oaks, hickories, and maples. (Table 1)

The distance from the proposed project where ground disturbance would occur to the nearest wetland is approximately 41 feet to the south of the proposed gravel access road, with no activity occurring directly within the delineated wetland area. Thus, the proposed project will not directly impact the wetland's hydrologic functional role. In addition, there will not be severe impacts to the habitat provided by the wetland as the main portion of the construction will occur in an area in excess of 400 feet from the wetland.

TABLE 1: Predominate Vegetation within and adjacent to the wetlands (Common (*Scientific)* names)

TREES & SAPLINGS
Red Maple (*Acer rubrum*)
Sugar Maple (*Acer saccharum*)
Ironwood (*Carpinus caroliniana*)
Pignut Hickory (Carya *ovata*)
White Pine (*Pinus strobus*)
White Oak (*Quercus* alba)
SHRUBS
Japanese Barberry (*Berberis thunbergii*)
Witch-hazel (*Hamamelis virginiana*)
Maple-leaf Viburnum (*Viburnum acerfolium*)
HERBS/VINES
Hayscented Fern (*Dennstaedtia punctilobula*)
Sensitive Fern (*Onoclea sensibilis*)
Cinnamon Fern (*Osmunda cinnamomea*)
Virginia creeper (*Parthenocissus quinquefolia*)
*Denotes state non-native invasive species

SOIL MAP TYPES

A brief description of each soil map unit identified on the project site is presented below including information from the Untied States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) soil descriptions. Further information on these and other soils, please refer to the internet site at http://soils.usda.gov/technical/classification/osd/index.html).

Upland Soils

Charlton Series
Coarse-loamy, mixed, active, mesic Typic Dystrudepts

The Charlton series consists of very deep, well drained loamy soils formed in till. They are nearly level to very steep soils on till plains and hills. Slope ranges from 0 to 50 percent. Saturated hydraulic conductivity is moderately high or high. Mean annual temperature is about 50 degrees F., and mean annual precipitation is about 47 inches.

Chatfield Series
Coarse-loamy, mixed, superactive, mesic Typic Dystrudepts

The Chatfield series consists of moderately deep, well drained, and somewhat excessively drained soils formed in till. They are nearly level to very steep soils on glaciated plains, hills, and ridges. Slope ranges from 0 to 70 percent. Crystalline

bedrock is at depths of 20 to 40 inches. Saturated hydraulic conductivity is moderately high to high in the mineral soil. Mean annual temperature is 51 degrees F. and mean annual precipitation is 38 inches.

The soils within the project area are classified as Charlton-Chatfield complex, ranging from 3 to 45 percent slope that is very rocky. These soils are classified as hydric soils of the State of Connecticut due to a potentially high groundwater table. Soils within the access road consist of silt with some clay and gravel with a matrix of 7.5YR 4/4 from 0-18 inches. Soils within the area of the proposed cell tower consist of silt with gravel with a matrix of 10YR 5/6 from 0-8 inches. Bedrock was reached at 8 inches. The wetland located south of the proposed access road contains soils that consist of silt, clay, and organics with a matrix of 2.5Y 2/1 from 0-8 inches. A sandy, silt, gravel with a matrix of 10YR 4/3 with abundant mottles were found below 8 inches.

SUMMARY CLOSING

No wetlands were observed within the proposed access road or cell tower pad. The proposed tower development project reviewed is not anticipated to cause an adverse impact on the delineated wetland noted in this report. Utilizing appropriate soil erosion and sedimentation controls will reduce, if not eliminate, any risk of impact to the wetland during construction.

Thank for the opportunity to work with you on this project. Please contact me at (860) 683-4200 if you have any questions or require additional assistance.

Very truly yours,
Kleinfelder East, Inc.

Jamie Morgan
Ecologist/Soil Scientist

Ben Rieger
Project Manager

REFERENCES

Brinson, M.M. 1993. *A Hydrogeomorphic Classification for Wetlands.* Tech. Rpt.WRP-DE-4, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS.

Cowardin, L.M., V. Carter, F.C. Golet, E.T. LaRoe. 1979. Classification of Wetland and Deepwater Habitats of the Untied States. US Government Printing Office. Washington D.C. GPO 024-010-00524-6.103 pp.

Soil Survey Staff. 1993. Soil Survey Manual. USDA Handbook No. 18. United States Government Printing Office, Washington, D.C., USA.

Kleinfelder Photo Documentation

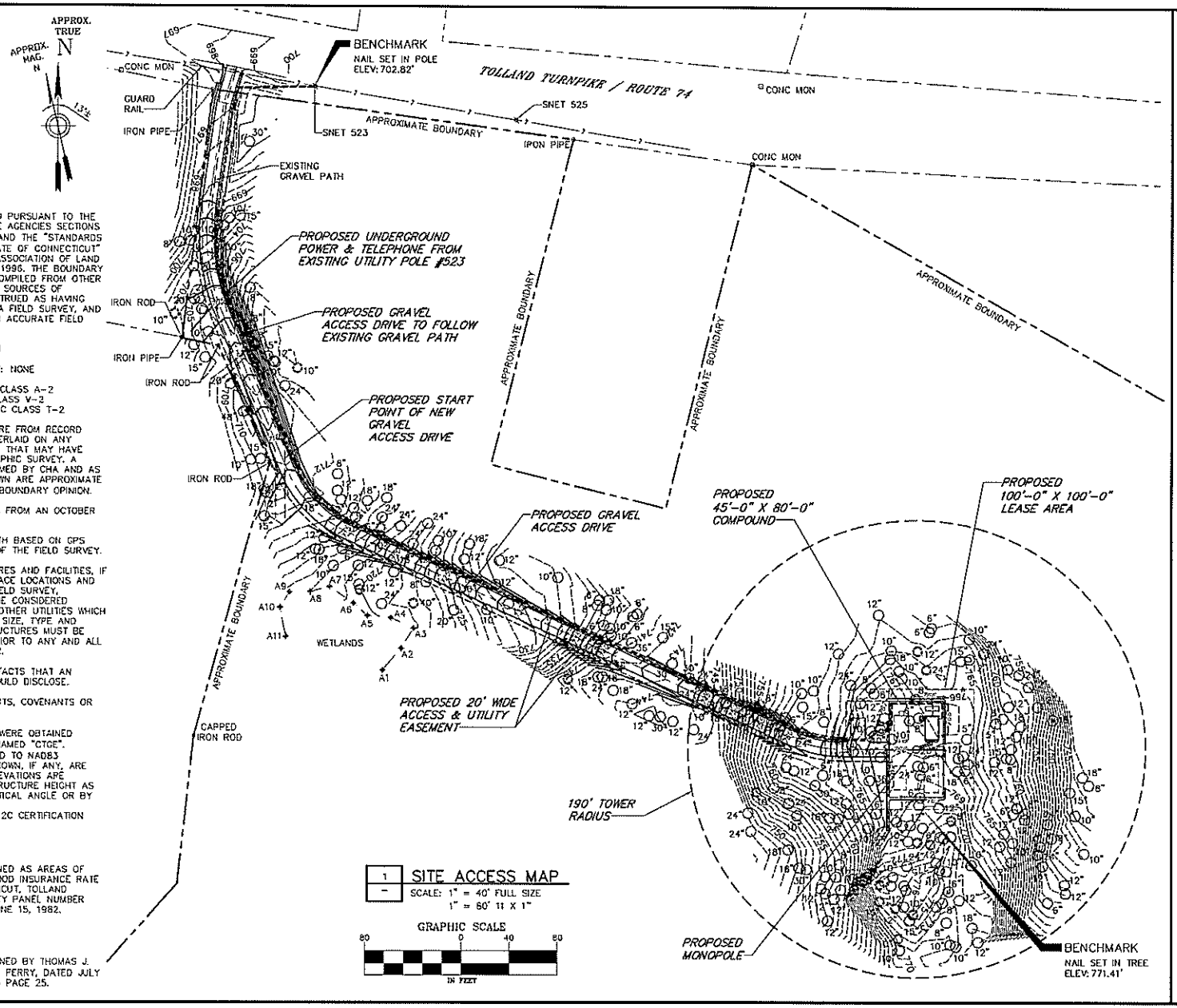
Client: Clough Harbor
Site Name: CHA Willington SR 1107
Site Location: Willington, CT
KA Project Number: 106386
Date Photographs Taken: September 21, 2009

Figure 1:
View Direction: East

View of uplands in general location of proposed site pad.

Figure 2:
View Direction: South

View of red maple forested wetland Located south of the proposed access road.



SURVEY NOTES:

1. THIS SURVEY HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS INC. ON SEPTEMBER 26, 1996. THE BOUNDARY LINES SHOWN ON THIS PLAN WERE COMPILED FROM OTHER MAPS, RECORD RESEARCH OR OTHER SOURCES OF INFORMATION. IT IS NOT TO BE CONSTRUED AS HAVING BEEN OBTAINED AS THE RESULT OF A FIELD SURVEY, AND IS SUBJECT TO SUCH CHANGE AS AN ACCURATE FIELD SURVEY MAY DISCLOSE.

TYPE OF SURVEY: COMPILATION PLAN

BOUNDARY DETERMINATION CATEGORY: NONE

CLASS OF ACCURACY: HORIZONTAL CLASS A-2
VERTICAL CLASS V-2
TOPOGRAPHIC CLASS T-2

2. PROPERTY LINE SHOWN HEREON ARE FROM RECORD DEEDS PLOTS AND TAX MAPS AS OVERLAID ON ANY MONUMENTATION OR OTHER EVIDENCE THAT MAY HAVE BEEN LOCATED DURING THE TOPOGRAPHIC SURVEY. A PROPERTY SURVEY WAS NOT PERFORMED BY CHA AND AS A RESULT THE PROPERTY LINES SHOWN ARE APPROXIMATE AND DO NOT PRESENT A PROPERTY/BOUNDARY OPINION.

3. BASE MAPPING PREPARED BY CHA FROM AN OCTOBER 2009 FIELD SURVEY.

4. NORTH ORIENTATION IS TRUE NORTH BASED ON GPS OBSERVATIONS TAKEN AT THE TIME OF THE FIELD SURVEY.

5. UNDERGROUND UTILITIES, STRUCTURES AND FACILITIES, IF ANY, HAVE BEEN SHOWN FROM SURFACE LOCATIONS AND MEASUREMENTS OBTAINED FROM A FIELD SURVEY, THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHER UTILITIES WHICH THE EXISTENCE OF ARE NOT KNOWN. SIZE, TYPE AND LOCATION OF ALL UTILITIES AND STRUCTURES MUST BE VERIFIED BY PROPER AUTHORITIES PRIOR TO ANY AND ALL CONSTRUCTION. CALL DIG SAFE PRIOR.

6. SUBJECT TO ANY STATEMENT OF FACTS THAT AN UP-TO-DATE ABSTRACT OF TITLE WOULD DISCLOSE.

7. SUBJECT TO ALL RIGHTS, EASEMENTS, COVENANTS OR RESTRICTIONS OF RECORD

8. LATITUDE/LONGITUDE/ELEVATIONS WERE OBTAINED UTILIZING NGS CORS BASE STATION NAMED "CTGE". LATITUDE/LONGITUDE ARE REFERENCED TO NAD83 CONNECTICUT ZONE. COORDINATES SHOWN, IF ANY, ARE EXPRESSED IN U.S. SURVEY FEET. ELEVATIONS ARE REFERENCED TO NAVD88. TOP OF STRUCTURE HEIGHT AS SHOWN, IF ANY, DETERMINED BY VERTICAL ANGLE OR BY ACTUAL LOCATION.
INFORMATION SHOWN BASED ON FAA 2C CERTIFICATION ACCURACY LEVEL DEFINED AS;
HORIZONTAL: ±20 FEET / 6 METERS
VERTICAL: ±3 FEET / 1 METERS

9. SITE FALLS WITHIN ZONE "C" DEFINED AS AREAS OF MINIMAL FLOODING AS SHOWN ON FLOOD INSURANCE RATE MAP, TOWN OF WILLINGTON, CONNECTICUT, TOLLAND COUNTY, PANEL 20 OF 20, COMMUNITY PANEL NUMBER 090159 0020 A, EFFECTIVE DATE JUNE 15, 1982.

MAP REFERENCES:

1. MAP ENTITLED "PLAN OF LAND OWNED BY THOMAS J. OWENS" AS PREPARED BY GILBERT F. PERRY, DATED JULY 12, 1967 AND FILED AS MAP BOOK 5 PAGE 25.

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CHA

CHA PROJECT NO:
16301 - 1028 - 1601

NO.	SUBMITTAL		
0	10/30/09	ECSBD FOR CSC CERTIFICATE	
	BY: JDM	CHK'D:	APP'D: JPS

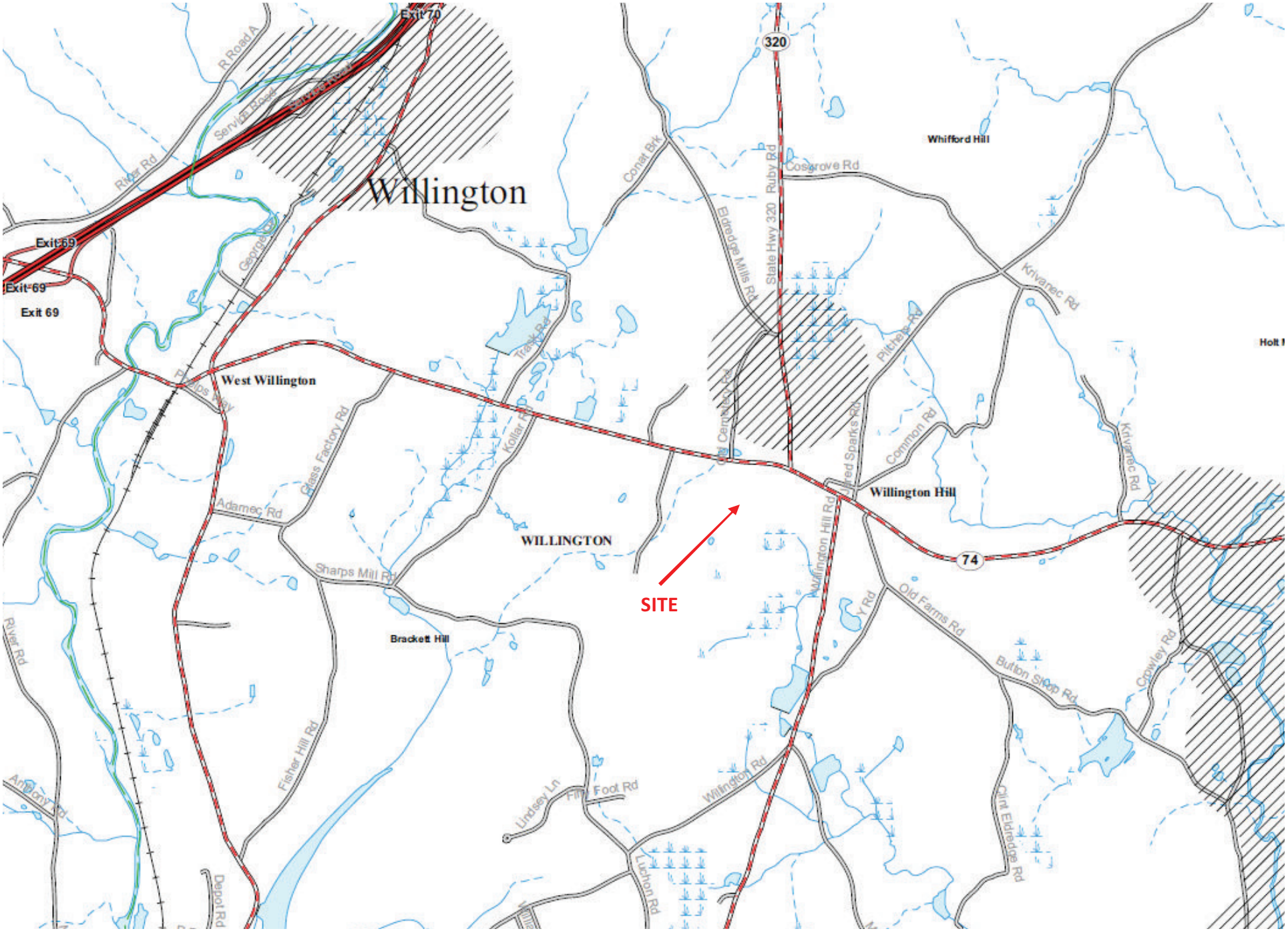
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE ID:
SR1107
SITE NAME:
WILLINGTON
SITE ADDRESS:
TOLLAND TURNPIKE
WILLINGTON, CT
06279
TOLLAND COUNTY

SHEET TITLE
SITE ACCESS MAP

SHEET NUMBER
C02

Willington – 1107 – NDDB Map



ATTACHMENT 3(D)

Connecticut Commission on Culture & Tourism

Historic Preservation
and Museum Division

One Constitution Plaza
Second Floor
Hartford, Connecticut
06103

860.256.2800
860.256.2763 (f)

January 11, 2010

Ms. Stacy Montgomery
Architectural Historian
The Ottery Group
1810 August Drive
Silver Spring, Maryland 20902

Subject: Proposed AT&T Mobility" Willington #1107 Telecommunications Facility" - Tolland Turnpike, Willington, CT 06279

Dear Ms. Montgomery:

The State Historic Preservation Office has reviewed the above-named project. The "Archaeological Assessment for the Proposed Willington Telecommunications Facility" prepared by the Ottery Group notes that a 1-acre parcel, possibly located within the Area of Potential Effects, was conveyed in the early eighteenth-century for use as a burying ground. Although no evidence of a cemetery was identified during the archaeological survey undertaken for this project, the Ottery Group notes, "this investigation can not preclude the presence of the historically documented 'burying yard'"[1]. SHPO concurs with the Ottery Group's recommendation that additional investigations are warranted. Specifically, SHPO recommends that a professionally implemented program of topsoil stripping be employed to identify any elements of the reported cemetery that may be extant within the proposed access roadway. Based on the background studies completed by the Ottery Group, SHPO believes the area of soil stripping can be confined to those segments of the access road between 300 and 700 feet south of the existing Tolland Turnpike roadway. If burials or other cemetery related features, such as buried grave markers or coffin furniture, are identified near the boundary of the soil stripping area, the area of investigation should be expanded within the confines of the APE until the extent of the burial ground can be confidently delineated.

Please note that human burials and skeletal remains are protected under Connecticut General Statute Section 10-388. In accordance with these statutes, SHPO recommends that the archaeological monitoring be undertaken in coordination with the Connecticut Office of the State Archaeologist (OSA).

[1] Archaeological Assessment for the Proposed Willington Telecommunications Facility, Tolland Turnpike, Tolland County, Connecticut (Franz, Sperling, and Torp 2009: 4).

Accommodations should be made for the safe and respectful treatment of any human remains and/or mortuary objects that are inadvertently exposed by the soil stripping activity. OSA can provide further guidance on the design and implementation of an appropriate research design for the recommended study. All archaeological studies must be undertaken in accordance with our *Environmental Review Primer for Connecticut's Archaeological Resources*

No ground disturbance or construction-related activities should be initiated until this office has had an opportunity to review and comment upon the recommended archaeological survey report.

In the opinion of this office, the proposed undertaking also appears to have an adverse effect on the Willington Common National Register Historic District. As noted in the "Visual Analysis Report" submitted to our office, the proposed monopole will be visible year-round from the above-referenced District.

We anticipate working with all interested parties on the proposed undertaking as well as in the professional management of Connecticut's historical and archaeological heritage.

For further information please contact Daniel Forrest, Staff Archaeologist.

Sincerely,

David Bahlman
Deputy State Historic Preservation Officer

cc: Dr. Nicholas Bellantoni/OSA